



## FACSIMILE TRANSMITTAL SHEET

Loureiro Engineering Associates, Inc.

TO: Carolyn Casey  
COMPANY: EPA  
FROM: Thomas J. Salimeno  
RE: Analytical Results

FAX NUMBER: 617-918-1294  
DATE: 9/23/99  
NO. OF PAGES (including cover): 4  
LEA REFERENCE NUMBER:

☐ URGENT ☐ FOR REVIEW ☒ FOR YOUR USE ☐ PLEASE COMMENT ☐ PLEASE REPLY

NOTES/COMMENTS:  
Carolyn,

Attached please find a copy of the laboratory report for the groundwater infiltrating into storm sewer line (NPDES Discharge 002) at the Pratt & Whitney facility in East Hartford, Connecticut. The sample was collected directly from a seep at a pipe joint from within the pipe.

If you could also drop a copy of this information off to Aaron Gilbert that would be very helpful.

Any questions or comments please call.

Thanks

Tom Salimeno

RCRA RECORDS CENTER  
FACILITY Pratt & Whitney  
I.D. NO. CTD990672081  
FILE LOC. R-5  
OTHER RIMS # 3143

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(860) 747-0676 FAX (860) 747-9264 CT ONLY 1-800-870-7904  
Lawton S. Averill - Director • Alan G. Jacobs - Co-Director

NH Laboratory ID No. 2508  
ME Laboratory ID No. CT029  
WI Laboratory ID No. 998085440

## REPORT ON LABORATORY EXAMINATIONS

Page 1 of 1

To Client : Pratt & Whitney  
East Hartford, CT 06108

Report Date : August 16, 1999

Collected By: Jason Miller, LEA

Date Received : August 11, 1999

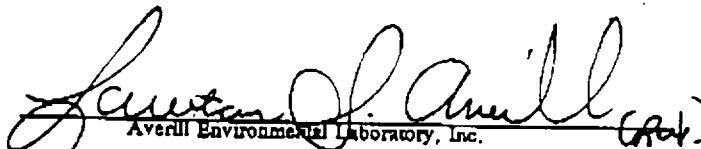
Collect Date : August 11, 1999

AEL Sample # : AEL99008616 Client Sample # : 255525  
Sample ID : Water from Storm Sewer  
Sample Source : Pratt & Whitney, East Hartford, CT

Sample Matrix : Water

Analysis For	RESULT	Units	Date of Analysis	Analyst	Analysis Method
Chromium, Hexavalent	63.5	mg/L	08/11/99	JG	EPA 218.4

cc: Pratt & Whitney - Mary Chisarik  
LEA - Tom Salimeno

  
Averill Environmental Laboratory, Inc. (AEL)

## AVERILL ENVIRONMENTAL LABORATORY INC.

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NH Laboratory ID No. 2506  
ME Laboratory ID No. CT029  
WI Laboratory ID No. 9908544C

## REPORT ON LABORATORY EXAMINATIONS

Page 1 of 1

To Client : Pratt & Whitney  
East Hartford, CT 06108

Report Date : August 16, 1999

Collected By: Jason Miller, LEA

Date Received : August 11, 1999

Collect Date : August 11, 1999

AEL Sample # : AEL99008616

Client Sample # : 255525

Sample Matrix : Water

Sample ID : Water from Storm Sewer

Date Analyzed : August 12, 1999

Sample Source: Pratt &amp; Whitney, East Hartford, CT

Results Reported in micrograms per liter (ug/L)  
All Compounds Analyzed by EPA Method SW-846 8260B

COMPOUND	RESULT	COMPOUND	RESULT
Acetone	< 100	Acrolein	< 30
Acrylonitrile	< 10	Benzene	8.7
Bromobenzene	< 5.0	Bromodichloromethane	< 5.0
Bromoform	< 5.0	Bromomethane	< 5.0
Carbon disulfide	< 5.0	Carbon tetrachloride	70
Chlorobenzene	< 5.0 N1	Chloroethane	< 5.0
2-Chloroethyl vinyl ether	< 5.0	Chloroform	23
Chloromethane	< 5.0	1,2-Chlorotoluene	< 5.0
1,4-Chlorotoluene	< 5.0	Dibromochloromethane	< 5.0
Dibromomethane	< 10	1,2-Dichlorobenzene	< 5.0
1,3-Dichlorobenzene	< 5.0	1,4-Dichlorobenzene	< 5.0
Dichlorodifluoromethane	< 5.0	1,1-Dichloroethane	81 J11
1,2-Dichloroethane	18	1,1-Dichloroethylene	400 J11
cis-1,2-Dichloroethylene	370 J11	trans-1,2-Dichloroethylene	< 5.0
1,2-Dichloropropane	< 5.0	cis-1,3-Dichloropropylene	< 2.50
trans-1,3-Dichloropropylene	< 2.50	Ethylbenzene	< 5.0
2-Hexanone	< 10	Methylene chloride	< 10
Methyl ethyl ketone	< 15	Methyl iso-butyl ketone	< 10
Methyl tert-butyl ether	< 5.0	Styrene	< 5.0
1,1,1,2-Tetrachloroethane	< 5.0 N1	1,1,2,2-Tetrachloroethane	< 2.50
Tetrachloroethylene	3300 J11	Toluene	15
1,1,1-Trichloroethane	170 J11	1,1,2-Trichloroethane	< 5.0
Trichloroethylene	4700 J11	Trichlorofluoromethane	< 5.0
1,2,3-Trichloropropane	< 5.0	Vinyl acetate	< 15
Vinyl chloride	120 J11	Xylenes (Total)	10

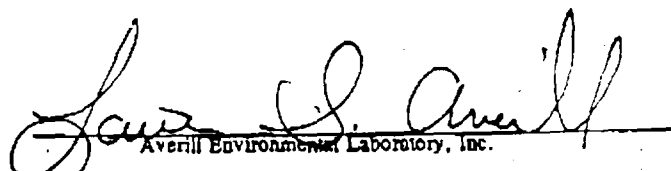
Surrogate Compound	%Recovery	Low Limit	High Limit
Dibromofluoromethane	101	86	118
Toluene-d8	98	88	110
p-Bromofluorobenzene	112	86	115

## Notes:

J11 - Estimated value: Concentration above calibration range.

N1 - Spectral evidence confirms the presence of this compound at a concentration below the calibration limit.

cc: Pratt & Whitney - Mary Chisarik  
LEA - Tom Salimeno



Averill Environmental Laboratory, Inc.

AVERILL  
 ENVIRONMENTAL LABORATORY INC.

100 Northwest Drive  
 Plainville, Connecticut 06062

Tel: 860-747-8678  
 CT: 1-800-878-7904

CHAIN-OF-CUSTODY RECORD

NE 19837

08/23/99 THU 11:41

PROJECT NAME:			PROJECT LOCATION:			PROJECT NUMBER:					
REPORT TO: Mary Chisarik (RAW) & Tom Salameo			Patt + Whiting Storm Sewer								
INVOICE TO: above			Source Codes: W = Well O = Outfall RO = Run Off R = River/Stream B = Bottom Sediment MW = Monitoring Well S = Soil SG = Sludge LF = Landfill L = Lake/Ocean T = Treatment Facility X = Other, Specify Ground Water, Storm Sewer								
ITEM NUMBER	SAMPLE NUMBER	SOURCE CODE	CONTAINER				ANALYSIS REQUIRED	COMMENTS	TRANSFER NUMBER & CHECK		
			NO.	TYPE	SIZE	PRESERV.			1	2	3
1	255525	X	3	E	40 ml	H	VOC's 8260				
2	255525	X	1	A	20 ml	-	Hex(chrome) 811110				
8-11-99											

Container Code: P = Plastic E = EPA VIAL C = Cube G = Glass A = Amber Glass B = Bacteria Bottle  
 Preservative Code: I = Iod F = Filtered N = Nitric Acid (HNO<sub>3</sub>) H = Hydrochloric Acid (HCl) R = Sodium Hydroxide (NaOH) T = Sodium Thiosulfate S = Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>)  
 O = Other, Specify

Sampler's Signature	Affiliation	Date	Time	TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	ACCEPTED BY	DATE	TIME
<i>[Signature]</i>	LEA	8/11/99	1500	1	1-2	<i>[Signature]</i>	<i>[Signature]</i>	8/11/99	15:40
ADDITIONAL COMMENTS: cc. Tom Salameo (LEA)				2	1-2	<i>[Signature]</i>	<i>[Signature]</i>	8/11/99	1600
				3					
				4					

0004/004